

### AMENDMENTS TO THE CLAIMS

Please **REWRITE** claims 1 and 10-13. For the Examiner's convenience, this Amendment includes the text of all claims under examination, a parenthetical expression for each claim to indicate the current status of the claim, and markings to show the changes to a claim relative to the immediate prior version of that claim.

1. (Currently Amended) A computer-implemented process for informing a patient of ~~[[the]]~~ risks ~~[[risk]]~~ of undergoing a treatment, ~~said method comprising the steps of:~~  
  - ~~[[a)]]~~ gathering semi-static data relating to contraindications to and complications associated with the treatment;
  - ~~[[b)]]~~ gathering dynamic data relating to ~~experienced~~ contraindications ~~[[to]]~~ and complications that other patients experienced as a result of undergoing associated with the treatment, said dynamic data comprising information about the treatment conduct, its result, and the other patients ~~patient~~ response over time;
  - ~~[[c)]]~~ from the gathered semi-static data and dynamic data, creating a rule-based algorithm for calculating the risks of the patient undergoing the treatment;
  - ~~[[f)]]~~ acquiring relevant data of the ~~an individual~~ patient;
  - ~~[[g)]]~~ calculating a customized personal risk assessment for the ~~individual~~ patient; and
  - ~~[[h)]]~~ presenting the customized personal risk assessment to the patient as an informed consent form, wherein the customized personal risk assessment is based on the gathered data.
2. (Original) The process of claim 1, wherein the step of creating a rule-based algorithm for calculating the risks of undergoing the treatment comprises:

periodically updating both the semi-static data and dynamic data.

3. (Original) The process of claim 1, wherein the step of creating a rule-based algorithm for calculating the risks of undergoing the treatment comprises:  
recursively processing the rules governing the risk assessment relating to any treatment  
based on periodic updates to one or both of the semi-static and dynamic data.
4. (Original) The process of claim 1, further comprising the step:  
formulating text material in the form of sentences that list risk factors and outcome  
information for display to the patient based on information gathered in the process.
5. (Original) The process of claim 4, further comprising the step:  
creating a calculus that associates text sentences with the risk information to be presented to  
the patient.
6. (Original) The process of claim 1, wherein the step of gathering dynamic data relating to experienced contraindications to and complications associated with the treatment includes:  
identifying a particular treatment provider, and  
incorporating data relating to the treatment provider.
7. (Original) The process of claim 6, wherein the step of incorporating data relating to the treatment provider further comprises:  
gathering and including data on the treatment provider's outcome history associated with the

treatment.

8. (Original) The process of claim 7, wherein the step of incorporating data relating to the treatment provider further comprises:  
  
gathering and including data on the treatment provider's complication history in providing  
  
the subject treatment.
9. (Original) The process of claim 1, wherein the step of gathering dynamic data relating to experienced contraindications to and complications associated with the treatment includes:  
  
gathering information about the pre-operative and post-operative care of the treatment  
  
provider's patients.
10. (Currently Amended) A computer-implemented process for informing a patient of [[the]]  
risks [[risk]] of undergoing a treatment, ~~said method comprising the steps of:~~  
  
[[a]] gathering semi-static data relating to contraindications to and complications associated  
  
with the treatment;  
  
[[b]] acquiring relevant data of the ~~an individual~~ patient;  
  
[[c]] calculating a customized personal risk assessment for the individual patient; and  
  
[[d]] ~~presenting to the patient an individualized risk assessment~~ the customized personal  
  
risk assessment to the patient as an informed consent form, wherein the customized  
  
personal risk assessment is based on the gathered data.
11. (Currently Amended) The process of claim 10, wherein the presenting of the customized

personal risk assessment to the patient further comprises ~~further comprising the step:~~

printing the ~~individualized risk assessment as an~~ informed consent form.

12. (Currently Amended) The process of claim 10, further comprising ~~the step:~~

gathering performance data relating to a ~~particular treatment~~ provider who performs the

treatment, the performance data including information on treatment outcomes after

undergoing the treatment for other patients of the ~~treated by that~~ provider.

13. (Currently Amended) The process of claim 12 further comprising ~~the step:~~

from the gathered semi-static data, the patient data, and treatment provider data, creating a

rule-based algorithm for calculating the risks of the patient undergoing the treatment.

14. (Original) The process of claim 13 further comprising the step:

recursively processing the rules governing the risk assessment relating to any treatment

based on periodic updates to the semi-static data, the patient data, and provider data.